

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) An LED, comprising:

a first gallium nitride layer;

a first electrode at one portion of and above the first gallium nitride layer;

an active layer above the first gallium nitride layer;

a second gallium nitride layer above the active layer;

a plurality of transparent electrodes on the second gallium nitride layer, wherein one of the plurality of transparent electrodes is electrically connected to, and is physically isolated from, another of the plurality of transparent electrodes;

a second electrode above the second gallium nitride layer; and

a plurality of connection units directly in contact with the second gallium nitride layer, each connection unit electrically connecting a respective one of the plurality of transparent electrodes with the second electrode.

2-17. (Cancelled)

18. (Currently Amended) An LED, comprising:

a substrate;

a first gallium nitride layer above the substrate;

an active layer above the second gallium nitride layer;

a second gallium nitride layer above the active layer;

a first electrode above the first gallium nitride layer;

a second electrode above the second gallium nitride layer;

a plurality of transparent electrodes on the second gallium nitride layer, wherein at least one of the plurality of transparent electrodes is physically isolated from another of the plurality of transparent electrodes; and

a plurality of connection units directly in contact with the second gallium nitride layer, each connection unit electrically connecting a respective one of the plurality of transparent electrodes with the second electrode,

wherein at least two of the plurality of ~~patterns~~ transparent electrodes have striped-shapes.

19. (Cancelled)

20. (Previously Presented) The LED according to claim 18, wherein the plurality of patterns comprise at least three patterns.

21-25. (Cancelled)

26. (Previously Presented) The LED according to claim 1, wherein the plurality of connection units directly connect the second electrode with a respective one of the plurality of transparent electrodes.

27. (Previously Presented) The LED according to claim 1, wherein the plurality of transparent electrodes, the second electrode and the plurality of connection units are formed directly on the second gallium nitride layer.

28. (Previously Presented) The LED according to claim 18, wherein the plurality of patterns are formed directly above the second gallium nitride layer.

29. (Previously Presented) The LED according to claim 1, wherein the plurality of transparent electrodes are co-planar.

30. (Cancelled)

31. (Previously Presented) The LED according to claim 1, wherein the plurality of connection units are formed of metal films.

32. (Previously Presented) The LED according to claim 1, wherein the plurality of transparent electrodes are disposed directly above corresponding physically separated locations of a surface of the second gallium nitride layer.

33. (Previously Presented) The LED according to claim 18, wherein at least two of the plurality of patterns are parallel to each other.

34. (Previously Presented) The LED according to claim 18, wherein the at least two of the plurality of patterns having striped-shapes are perpendicular to an imaginary line between the first electrode and the second electrode.

35-44. (Cancelled)